

DAFTAR PUSTAKA

- Bacchus, G. L. 2010. An evaluation of the influence of biodynamic practices including foliar applied silica spray on nutrient quality of organic and conventionally fertilised lettuce (*Lactucasativa* L.)Journal of Organic Systems, 5 (1) : 4 - 13.
- Cha-um, S., T. Takabe And C. Kirdmanee. 2010. Ion contents, relative electrolyte leakage, proline accumulation, photosynthetic abilities and growth characters of oil palm seedlings in response to salt stress.Pakistan Journal Boti., 42(3): 2191-2020.
- Corley, R. H. V. 1976. Development in Crop Science: Oil Palm Research. Elsevier Scientific Publishing Company, Amsterdam.
- Davenport, R., R.A. James, A. Zakrisson-Plogander, M. Tester and R. Munns. 2005. Control of sodium transport in durum wheat. Plant Physiology, 137: 807-818.
- Dewi, A. Y. 2014. Induksi ketahanan kekeringan delapan hibrida kelapa sawit (*Elaeis guineensis* Jacq.) dengan silika. Skripsi Fakultas Pertanian. Universitas Gadjah Mada, Yogyakarta.
- Ditjenbun. 2012. Lintasan Fakta: Minyak Kelapa Sawit Lebih Efisien. <<http://ditjenbun.deptan.go.id/budtanan/images/bagian%20ii.pdf>>. Diakses 11 Februari 2015.
- Elawad, S. H., & Green V. E. 1979. Silicon and rice plant environment, a review of recent research. Riv. Riso 28: 235-253.
- Hayasaka, T., Fujii, H., & Namai, T. 2005. Silicon content in rice seedlings to protect rice blast fungus at the nursery stage. Journal of General Plant Pathology, 71(3), 169-173.
- FAO TradeSTAT 2010, <http://faostat.fao.org/site/342/default.aspx>, diakses Desember 2013.
- FAO ProdSTAT (2010), <http://faostat.fao.org/site/339/default.aspx>, diakses Desember 2013.
- Issukandarsyah. 2013. Induksi ketahanan bibit kelapa sawit (*Elaeis guineensis* Jacq.) terhadap cekaman kekeringan dengan aplikasi dosis *boric acid* dan *sodium silicate*. Tesis Fakultas Pertanian. Universitas Gadjah Mada, Yogyakarta.
- Latifah, I. C. dan E. Anggarwulan. 2009. Nitrogen content, nitrat reductase activity and biomass of kimpul (*Xanthosoma sagittifolium*) on shade and nitrogen fertilizer variation. Bioscience 1: 65-71.

- Mangoensoekarjo, S. dan H. Semangun. 2003. Manajemen Agrobisnis Kelapa Sawit. Gadjah Mada University Press, Yogyakarta.
- Matichenkov, V. V and D. V. Calvert. 2002. Silicon as beneficial element for sugarcane. *Journal Society of Sugarcane Technologist* 22: 21 – 30.
- Munns, R., R.A. James and A. Läuchli. 2006. Approaches to increasing the salt tolerance of wheat and other cereals. *J. Exp. Bot.*, 57: 1025-1043.
- Nakata, Y., Ueno, M., Kihara, J., Ichii, M., Taketa, S., & Arase, S. 2008. Rice blast disease and susceptibility to pests in a silicon uptake-deficient mutant. *Crop Protection* 27: 865-868.
- Pahan, I. 2012. Panduan Lengkap Kelapa Sawit. Penebar Swadaya, Jakarta.
- Putra, E.T.S., Issukindarsyah, Taryono dan Purwanto, B.H. 2012. Aktivitas fisiologis dan pertumbuhan bibit kelapa sawit pada beberapa dosis aplikasi boron dan silikon. Dalam *Prosiding Seminar Nasional 2012 “Peran Teknologi untuk Mewujudkan Kedaulatan Pangan dan Peningkatan Perekonomian Bangsa*, ed. Yanisworo, S. Virgawati, T. Wirawati, E. Budi, V. Ratnasari, A.H. Muryanto dan T.P. Handiri, pp. I-14 – I-22, Indonesia: Yogyakarta.
- Risza, S. 2012. Kelapa Sawit Upaya Peningkatan Produktivitas. Kanisius, Yogyakarta.
- Romero-Aranda, M. R., Jurado, A. and Jesu's C. 2006. Silicon alleviates the deleterious salt effect on tomato plant growth by improving plant water status. *Journal of Plant Physiology*, 163 : 847 - 855.
- Rusd, A. M. I. 2011. Pengujian toleransi padi (*Oryza sativa* L.) terhadap salinitas pada fase perkecambahan. Skripsi Fakultas Pertanian. Institut Pertanian Bogor, Bogor.
- Salman, D., S. Morteza, Z. Dariush, G. M. Abbas, Y. Reza, G. D. Ehsan, dan N. A. Reza. 2012. Application of nitrogen and silicon rates on morphological and chemical lodging related characteristics in rice (*Oryza sativa* L.) at north of Iran. *Journal of Agricultural Science*, 4: 6
- Sastrosayono, S. 2003. Budidaya Kelapa Sawit. Agromedia Pustaka, Jakarta.
- Sikuku, P. A., G. W. Netendo, J. C. Onyango dan D. M. Musyimi. 2010. Chlorophyll fluorescence, protein and chlorophyll content of three nerica rainfed rice varieties under varying irrigation regimes. *ARPN Journal of Agricultural and Biological Science* 5 : 19-25.
- Sirait, J. 2008. Leaf area, chlorophyll content, and relative growth rate of grass on different shading and fertilization. *JITV2*: 109-116.
- Soehardjo., H. H. Harahap, R. Ishak, A. Purba, E. Lubis, S. Budiana dan Kusmahadi. 1996. *Vedemecum: Kelapa Sawit*. PT. Perkebunan Nusantara IV, Jambi.

- Team IPB. 1969. Laporan sementara survey ke daerah persawahan pasang surut propinsi Riau, Jambi dan Sumatera Selatan. IPB, Bogor.
- Tester, M. and R. Davenport. 2003. Na⁺ tolerance and Na⁺ transport in higher plants. *Ann. Bot.*, 91:503-527.
- Wahid M.B., S.N.A. Abdullah and I.E. Henson. 2005. Oil palm—Achievements and potential. *Plant Prod. Sci.*, 8: 288-297
- Yahya, S. dan Mohammad A. 1991. Uji toleransi terhadap salinitas bibit beberapa varietas kakao (*Theobroma cacao* L.). *Buletin Agronomi* 20 (3) : 35 – 44.
- Yeza, T. G. 2014. Tanggapan delapan hibrida bibit kelapa sawit (*Elaeis guineensis* Jacq.) terhadap cekaman salinitas. Skripsi Fakultas Pertanian. Universitas Gadjah Mada, Yogyakarta.
- Yuniati, R. 2004. Penapisan galur kedelai *Glycine max* (L.) Merrill toleran terhadap NaCl untuk penanaman di lahan salin. *Jurnal Makara, Sains* 8: 21 – 24.
- Yusof, B. and K.W. Chan. 2003. Going back to basics: Producing high oil palm yields sustainably. *Oil Palm Bull.*, 46: 1-14.